FOS CDR RID Report

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Section FOS Real-time Software Architecture **Page** KF-39 **Figure Table** NA

Category Name Interfaces; Analysis **Actionee** ECS
Sub Category
Subject Fault Isolation between EDOS and FOS

Description of Problem or Suggestion:

The Data Capture Function within EDOS is a valuable resource for fault isolation in the EOS Network. The EDOS Data Capture Function separates low and high data. This "raw data" could be a valuable tool for quality analysis. There is no replay of true "raw data" capture between EDOS and the EOC. The data capture replay in the EOC utilizes Level Zero Data and not "raw data". A more valid test would be from the "raw data" from EDOS to the EOC.

Originator's Recommendation

A replay capability between EDOS and the EOC should be an available analysis tool as an aid in trouble-shooting hardware/software problems in the EOS Network.

GSFC Response by: **GSFC Response Date**

HAIS Response by: Andy Miller **HAIS Schedule**
HAIS R. E. Scott Carter **HAIS Response Date** 11/10/95

The definition of "raw data" in the context of the referenced slide, KF-39, is EDU's sent by EDOS to the FOS. This FOS terminology applies to the EDU's received by FOS as either real time data or back orbit data.

As indicated in the originators recommendation, a replay capability between EDOS and the EOC can be a valid analysis tool to aid in trouble shooting problems with the EDOS/EOC interface. The FOS can support the replay of data from EDOS, packaged as EDU's, however it is beyond the scope of the FOS baseline to provide the necessary electronic service messages to support such a capability.

Status **Closed** **Date Closed** **11/30/95** **Sponsor** **Johns**

****** **Attachment if any** ******